

Romeo

1646

#6
1/17/97

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/207,168

DATE: 03/14/2000
TIME: 16:10:23

Input Set: I207168.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

PS

1 <110> APPLICANT: HINUMA, SHUJI
2 FUKUSUMI, SHOJI
3 KITADA, CHIEKO
4 <120> TITLE OF INVENTION: NOVEL PEPTIDES AND PRODUCTION AND USE THEREOF
5 <130> FILE REFERENCE: 48811(342)
6 <140> CURRENT APPLICATION NUMBER: US/09/207,168
7 <141> CURRENT FILING DATE: 1998-12-07
8 <150> EARLIER APPLICATION NUMBER: 8/146052
9 <151> EARLIER FILING DATE: 1996-06-07
10 <150> EARLIER APPLICATION NUMBER: 8/247710
11 <151> EARLIER FILING DATE: 1996-09-19
12 <150> EARLIER APPLICATION NUMBER: 8/272422
13 <151> EARLIER FILING DATE: 1996-10-15
14 <150> EARLIER APPLICATION NUMBER: PCT/JP97/01911
15 <151> EARLIER FILING DATE: 1997-06-05
16 <160> NUMBER OF SEQ ID NOS: 114
17 <170> SOFTWARE: PatentIn Ver. 2.0
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20 <212> TYPE: PRT
21 <213> ORGANISM: Homo sapiens
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24 1 5 10 15
25 Lys
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27 <211> LENGTH: 15
28 <212> TYPE: PRT
29 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 2
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33 <210> SEQ ID NO 3
34 <211> LENGTH: 13
35 <212> TYPE: PRT
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40 <210> SEQ ID NO 4
41 <211> LENGTH: 29
42 <212> TYPE: PRT
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44 <400> SEQUENCE: 4

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45 Gln Glu Gly Ala Pro Pro Gln Gln Ser Ala Arg Arg Asp Arg Met Pro
46 1 5 10 15
47 Cys Arg Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys Lys
48 20 25

49 <210> SEQ ID NO 5
50 <211> LENGTH: 62
51 <212> TYPE: PRT
52 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 5

54 Ser Ser Leu Leu Thr Phe Leu Ala Trp Trp Phe Glu Trp Thr Ser Gln
55 1 5 10 15
56 Ala Ser Ala Gly Pro Leu Ile Gly Glu Glu Ala Arg Glu Val Ala Arg
57 20 25 30
58 Arg Gln Glu Gly Ala Pro Pro Gln Gln Ser Ala Arg Arg Asp Arg Met
59 35 40 45
60 Pro Cys Arg Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys Lys
61 50 55 60

62 <210> SEQ ID NO 6
63 <211> LENGTH: 85
64 <212> TYPE: PRT
65 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 6

67 Leu Pro Leu Glu Gly Gly Pro Thr Gly Arg Asp Ser Glu His Met Gln
68 1 5 10 15
69 Glu Ala Ala Gly Ile Arg Lys Ser Ser Leu Leu Thr Phe Leu Ala Trp
70 20 25 30
71 Trp Phe Glu Trp Thr Ser Gln Ala Ser Ala Gly Pro Leu Ile Gly Glu
72 35 40 45
73 Glu Ala Arg Glu Val Ala Arg Arg Gln Glu Gly Ala Pro Pro Gln Gln
74 50 55 60
75 Ser Ala Arg Arg Asp Arg Met Pro Cys Arg Asn Phe Phe Trp Lys Thr
76 65 70 75 80
77 Phe Ser Ser Cys Lys
78 85

79 <210> SEQ ID NO 7
80 <211> LENGTH: 105
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapiens
83 <400> SEQUENCE: 7

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86 Ala Thr Ala Ala Leu Pro Leu Glu Gly Gly Pro Thr Gly Arg Asp Ser
87 20 25 30
88 Glu His Met Gln Glu Ala Ala Gly Ile Arg Lys Ser Ser Leu Leu Thr
89 35 40 45
90 Phe Leu Ala Trp Trp Phe Glu Trp Thr Ser Gln Ala Ser Ala Gly Pro
91 50 55 60
92 Leu Ile Gly Glu Glu Ala Arg Glu Val Ala Arg Arg Gln Glu Gly Ala
93 65 70 75 80
94 Pro Pro Gln Gln Ser Ala Arg Arg Asp Arg Met Pro Cys Arg Asn Phe

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99      <211> LENGTH: 12
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113              20              25              30
114      Arg
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123              20
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130      1              5              10              15
131      Ala Thr Ala Ala
132              20
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139      1              5              10              15
140      Ala Thr Ala Ala Leu Pro Leu Glu Gly Gly Pro Thr Gly Arg Asp Ser
141              20              25              30
142      Glu His Met Gln Glu Ala Ala Gly Ile Arg Lys Ser Ser Leu Leu Thr
143              35              40              45
144      Phe Leu Ala Trp Trp Phe Glu Trp Thr Ser Gln Ala Ser Ala Gly Pro

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145          50          55          60
146      Leu Ile Gly Glu Glu Ala Arg Glu Val Ala Arg Arg Gln Glu Gly Ala
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148      Pro Pro Gln Gln Ser Ala Arg Arg
149          85
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151      <211> LENGTH: 51
152      <212> TYPE: DNA
153      <213> ORGANISM: Homo sapiens
154      <400> SEQUENCE: 13
155      gacagaatgc cctgcaggaa cttcttctgg aagaccttct cctcctgcaa a      51
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157      <211> LENGTH: 45
158      <212> TYPE: DNA
159      <213> ORGANISM: Homo sapiens
160      <400> SEQUENCE: 14
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162      <210> SEQ ID NO 15
163      <211> LENGTH: 39
164      <212> TYPE: DNA
165      <213> ORGANISM: Homo sapiens
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167      tgcaggaact ttttctggaa gaccttctcc tcttgcaaaa      39
168      <210> SEQ ID NO 16
169      <211> LENGTH: 87
170      <212> TYPE: DNA
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172      <400> SEQUENCE: 16
173      caggaaggcg cccccccca gcaatccgcy cgccggggaca gaatgccctg caggaacttc 60
174      ttctggaaga ctttctcttc ctgcaaaa      87
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177      <212> TYPE: DNA
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180      caggaaggcg cccccccca gcaatctgcy cgccggggaca gaatgccctg caggaacttc 60
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183      <211> LENGTH: 186
184      <212> TYPE: DNA
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187      agcagcctcc tgactttcct cgcttggtgg tttgagtgga cctcccaggc cagtgccggg 60
188      cccctcatag gagaggaagc tcgggaggtg gccaggcggc aggaaggcgc accccccccag 120
189      caatccgcyg gccgggacag aatgccctgc aggaacttct tctggaagac cttctcctcc 180
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193      <212> TYPE: DNA
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198     caatctgcgc gccgggacag aatgccctgc aggaacttct tctggaagac cttctcctcc 180
199     tgcaaa 186
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201 <211> LENGTH: 255
202 <212> TYPE: DNA
203 <213> ORGANISM: Homo sapiens
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206     ataaggaaaa gcagcctcct gactttcctc gcttggtggt ttgagtggac ctcccaggcc 120
207     agtgccgggc ccctcatagg agaggaagct cgggaggtgg ccaggcgga ggaaggcgca 180
208     cccccccagc aatccgcgcg ccgggacaga atgccctgca ggaacttctt ctggaagacc 240
209     ttctcctcct gcaaa 255
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211 <211> LENGTH: 255
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215     ctgcccctgg aggggtggccc caccggccga gacagcgagc atatgcagga agcggcagga 60
216     ataaggaaaa gcagcctcct gactttcctc gcttggtggt ttgagtggac ctcccaggcc 120
217     agtgccgggc ccctcatagg agaggaagct cgggaggtgg ccaggcgga ggaaggcgca 180
218     cccccccagc aatctgcgcg ccgggacaga atgccctgca ggaacttctt ctggaagacc 240
219     ttctcctcct gcaaa 255
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221 <211> LENGTH: 315
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223 <213> ORGANISM: Homo sapiens
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225     atgccattgt ccccgccct cctgctgctg ctgctctccg gggccacggc caccgctgcc 60
226     ctgcccctgg aggggtggccc caccggccga gacagcgagc atatgcagga agcggcagga 120
227     ataaggaaaa gcagcctcct gactttcctc gcttggtggt ttgagtggac ctcccaggcc 180
228     agtgccgggc ccctcatagg agaggaagct cgggaggtgg ccaggcgga ggaaggcgca 240
229     cccccccagc aatccgcgcg ccgggacaga atgccctgca ggaacttctt ctggaagacc 300
230     ttctcctcct gcaaa 315
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237     ctgcccctgg aggggtggccc caccggccga gacagcgagc atatgcagga agcggcagga 120
238     ataaggaaaa gcagcctcct gactttcctc gcttggtggt ttgagtggac ctcccaggcc 180
239     agtgccgggc ccctcatagg agaggaagct cgggaggtgg ccaggcgga ggaaggcgca 240
240     cccccccagc aatctgcgcg ccgggacaga atgccctgca ggaacttctt ctggaagacc 300
241     ttctcctcct gcaaa 315
242 <210> SEQ ID NO 24
243 <211> LENGTH: 36
244 <212> TYPE: DNA

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

✓ FYI

Input Set: I207168.RAW

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681	W "N" or "Xaa" used: Feature required	atgccctgca ggaacttctt ctggaagacc ttcacntc
691	W "N" or "Xaa" used: Feature required	tgcaagaact tcttctggaa gaccttcacn tctgcaa
701	W "N" or "Xaa" used: Feature required	gacagaatgc cctgcaggaa cttcttctgg aagacctt
711	W "N" or "Xaa" used: Feature required	atgccctgca ggaacttctt ctggaagacc ttcacntc
721	W "N" or "Xaa" used: Feature required	tgcaagaact tcttctggaa gaccttcacn tctgca
731	W "N" or "Xaa" used: Feature required	gacagaatgc cctgcaaraa cttcttctgg aagacctt
741	W "N" or "Xaa" used: Feature required	atgccctgca araacttctt ctggaagacc ttcacntc
751	W "N" or "Xaa" used: Feature required	tgcaaraact tcttctggaa gaccttcacn tctgcaa
761	W "N" or "Xaa" used: Feature required	gacagaatgc cctgcaaraa cttcttctgg aagacctt
771	W "N" or "Xaa" used: Feature required	atgccctgca araacttctt ctggaagacc ttcacntc
781	W "N" or "Xaa" used: Feature required	tgcaaraact tcttctggaa gaccttcacn tctgca
810	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgcaaa
821	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgcaaa
832	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgcaaa
843	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgcaaa
872	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgc
883	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgc
894	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgc
905	W "N" or "Xaa" used: Feature required	ttctggaaga ccttcacntc ctgc